

Attention Farmers

SUGAR BEET FIELD DAY

Experimental Station, Lethbridge
Saturday, Aug. 13, 1:30p.m.

DEMONSTRATIONS OF THINNING MACHINES, MECHANICAL HARVESTERS, AND SPRINKLER IRRIGATION SYSTEMS. INSPECTION OF ROTATIONS, MANURIAL AND FERTILIZER WORK WITH SUGAR BEETS.

You will find this an interesting and informative afternoon

Lethbridge Experimental Station

Weekly Letter

GRAIN LOSS IN COMBINING
Combining the crop is one operation that is just as efficient as the

VERSATILE VOCALIST



Equally at home singing romantic ballads, operatic arias or nursery songs is Edmund Hockridge, baritone who is heard on Wednesdays at 5:00 p.m. on CBK, 7:00 p.m. on CKY. His singing career began in England during the war when he won an amateur contest for servicemen at Beaver club. That led to appearances on BBC broadcasts, and since returning to Canada in 1936 he has become one of radio's most popular artists.

Individual more susceptible to polio infection. Since the active child is more prone to extreme fatigue than the quieter child, the active child should be watched carefully to avoid fatigue. Symptoms that must be viewed with suspicion during an epidemic period include headaches, moderate fever, upset stomach, irregularities of the bowels, soreness of the muscles and a stiff neck.

(continued on back page.)

operator makes it. Field studies and surveys have shown that often the operator pays too much attention to cylinder adjustments without considering the effect that this adjustment will have on the separation and cleaning units.

Loss of grain occurs at four distinct places within the machine: first through loss at the cutter bar due to poor adjustment to meet the needs of the crop; second, failure to thresh out all grain in the heads; third, through threshed grain going out the lance will result in less total loss even though a few more kernels appear to be left in the head.

back with the straw, and fourth, through loss of grain over the cleaning shoe. Survey work has shown that, in addition to wastage at the cutter bar, the total loss is normally distributed as follows under relatively dry threshing conditions: 14.2% is lost at the cylinder, 43.3% over the rack and 42.5% over the shoe.

The major cause of grain loss has been found to be due to overloading the machine in two ways. A common cause is through taking in an excessive amount of straw at the cutter bar. Where heavy straw conditions exist the forward speed should be reduced or the width of cut decreased to overcome this. Secondly the cylinder concave clearance is often set too narrow in an effort to clean all kernels out of the head. This results in the straw being chopped up so fine that the rack and shoe are overloaded causing high loss at these points.

It has been shown that excessive cylinder speeds do not give much better threshing results but may cause cracking of the grain. Rack and shoe speeds must not be greater than specified by the manufacturer otherwise kernels will be thrown out the back. It is highly important that these speeds be checked with

FARMERS !!!

We have a supply of
New Motors and Attachments

for changing Your Power Take-off Combine

We can change Allis Chalmers and Case six foot, also six and eight ft. Cockshuts

Write or Phone

H.A. Smith and Sons
Coaldale, Alta.

PHONE NO. 91-2631

POLIO -- Now Is The Time To Take Precautions

Acute anterior poliomyelitis, infantile paralysis and polio—whatever name you call it, is one and the same thing. Polio strikes with unpredictable intensity during the summer months. No one can foretell where an epidemic will occur; no one can yet prevent such outbreaks. But early hospitalization, modern treatment and competent care, help minimize crippling after effects of this cruel disease.

Remember paralysis does not follow as an inevitable aftermath of polio, some may have the disease and have no paralysis, and of those paralyzed 75% of the patients usually recover without any handicap. Polio is caused by a virus so

small that it cannot be seen with an ordinary microscope. The incubation period is usually between four and ten days. The virus enters the body through the nose and back of the throat, through the larynx, the trachea (windpipe), and the bronchial tubes and through the digestive tract. Personal contact is a likely means of transmitting the infection from one person to another.

Although polio is in many respects a mysterious disease, certain facts have been proved beyond a doubt. We do know that flies carry the polio virus, that it is found in polluted water supplies. It is known that extreme fatigue, staying in cold water all pre-dispose to making an

a speed counter.

In one test case the total machine loss was found to be 283.4 pounds per acre of which 24.1 pounds were lost at the rack. This loss was reduced to 14.2 pounds per acre by the following adjustments: the cylinder clearance was increased to maximum, the top sieve was opened one notch, the rack speed was lowered from 315 to 210 r.p.m. and the rear end of the sieves and straw racks were raised.

The most efficient machine operation results when the factors of cylinder clearance, rack and shoe adjustments are considered together. Often an increase in cylinder clear-

"George, are you spitting in the fish bowl?"

"No, mother, but I'm coming close."

Different races do not clash so long as they run side by side towards one goal.

...
UNO have great responsibility. So have UNL.

RICH REWARD. Just by insisting on Maxwell House you get the world's favorite brand of coffee... blended by experts from specially selected Latin-American coffees—the best the world produces!

THE NEXT FIVE YEARS CAN BE THE BEST!

ALBERTA TODAY HAS THE BRIGHTEST OUTLOOK OF ANY CANADIAN PROVINCE. THE VASTNESS OF HER NATURAL RESOURCES, THE ENTERPRISE OF HER PROGRESSIVE PEOPLE AND THE SOUND ADMINISTRATION OF HER PUBLIC AFFAIRS HAVE BROUGHT ALBERTA TO THE THRESHOLD OF A GREAT ERA OF ECONOMIC AND INDUSTRIAL DEVELOPMENT.

THE RE-ELECTION OF THE GOVERNMENT UNDER WHICH OUR PROVINCE REACHED ITS PRESENT ENVIABLE POSITION WILL ASSURE THE CONTINUATION OF ALBERTA'S OUTSTANDING PROGRESS AND MAKE CERTAIN TO ALL HER PEOPLE THE INCREASED BENEFITS THEY WILL REAP FROM THE STILL GREATER PROGRESS AND DEVELOPMENT OF THE NEXT FIVE YEARS.

THIS IS YOUR SOCIAL CREDIT GOVERNMENT'S TEN-POINT PROGRAM FOR THE NEXT FIVE YEARS!

1. NATURAL RESOURCES

The rapid and orderly development of Alberta's vast natural resources in the best interests of all her citizens.

2. AGRICULTURE

A vigorous program to further improve and stabilize Alberta's basic industry—farming.

3. ELECTRIFICATION

Extension of rural electrification throughout Alberta as rapidly as possible.

4. HEALTH

The progressive expansion of Alberta's public health and social welfare program—already one of the best in Canada.

5. MUNICIPAL AFFAIRS

A new and better deal for Alberta Municipalities through implementation of the Judge Commission report.

6. EDUCATION

Constant efforts to still further improve Alberta's modern system of education and reduce the cost to municipal districts.

7. ROADS

Progressive extension of Alberta's road program until the entire province is served by an adequate system of all-weather highways and roads.

8. INDUSTRIAL DEVELOPMENT

Industrial and economic development to increase Alberta payrolls and save excessive freight charges on exports and imports.

9. LABOUR

Full co-operation with labour and management to secure just rights of both and assure uninterrupted production.

10. THE PEOPLE'S RIGHTS

A continuation of the Government's unrelenting fight to make secure the right of each and every citizen to social justice, economic security and individual freedom.

ALBERTA'S PROGRESSIVE PEOPLE TOSSED OUT THE OLD-LINE PARTIES 27 YEARS AGO AND ALBERTA'S ENLIGHTENED PEOPLE KNOW HOW SLIPPERY IS THE SOCIALIST SLOPE AT THE BASE OF WHICH IS THE SLOUGH OF COMMUNISM.



L. C. HALMRAST

WARNER CONSTITUENCY

Your Social Credit Candidate

LET US FORGET UNIMPORTANT DIFFERENCES AND GO FORWARD TOGETHER TO MAKE AND KEEP ALBERTA PROSPEROUS, STRONG AND FREE.

The Answer Is
VOTE SOCIAL CREDIT